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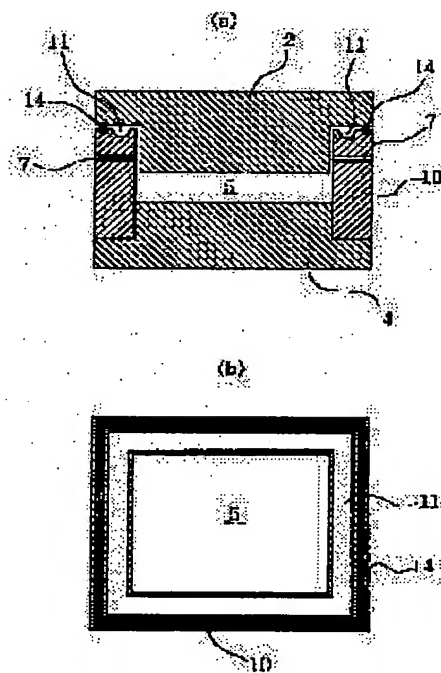
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(54) MOLD FOR PRODUCING FUEL CELL SEPARATOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a mold for a fuel cell separator which does not cause thickness nonuniformity even when burrs are generated.

SOLUTION: In the mold for producing the fuel cell separator having molds 2, 4, 10 and spaces 5 for molding the separator formed between these molds, a burr retaining space 11 communicating with the spaces 5 is formed at least in one mold. A raw material having a volume somewhat larger than that of the spaces 5 is charged, pressurized, and heated to be melted. The molten raw material is packed in the entire spaces 5, and the rest is introduced into a space 11. Since the molds 2, 10 are kept to be contacted directly with each other, the precisely molded separator can be obtained.



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2.**** shows the word which can not be translated.

3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] the fuel cell separator manufacture characterized by forming the above-mentioned dead air space and the dead air space for weld flash ** open for free passage in at least one of the above-mentioned metal mold in the metal mold for fuel cell separator manufacture which has two or more metal mold and the dead air space for fuel cell separator shaping formed among these metal mold — public funds — a mold.

[Claim 2] the fuel cell separator manufacture according to claim 1 characterized by drilling the above-mentioned dead air space for weld flash ** in the field in contact with other metal mold in one metal mold so that the dead air space for fuel cell separator shaping may be enclosed — public funds — a mold.

[Claim 3] the fuel cell separator manufacture according to claim 2 characterized by forming the dead air space for the above-mentioned fuel cell separator shaping when the field in which the above-mentioned dead air space for weld flash was drilled sticks with other metal mold — public funds — a mold.

[Claim 4] the fuel cell separator manufacture according to claim 2 or 3 characterized by preparing and carrying out the seal of the seal member to the outside of the above-mentioned dead air space for weld flash ** — public funds — a mold.

[Claim 5] fuel cell separator manufacture given in either of claims 1-4 characterized by the above-mentioned metal mold being what used for a press machine — public funds — a mold.

[Translation done.]
